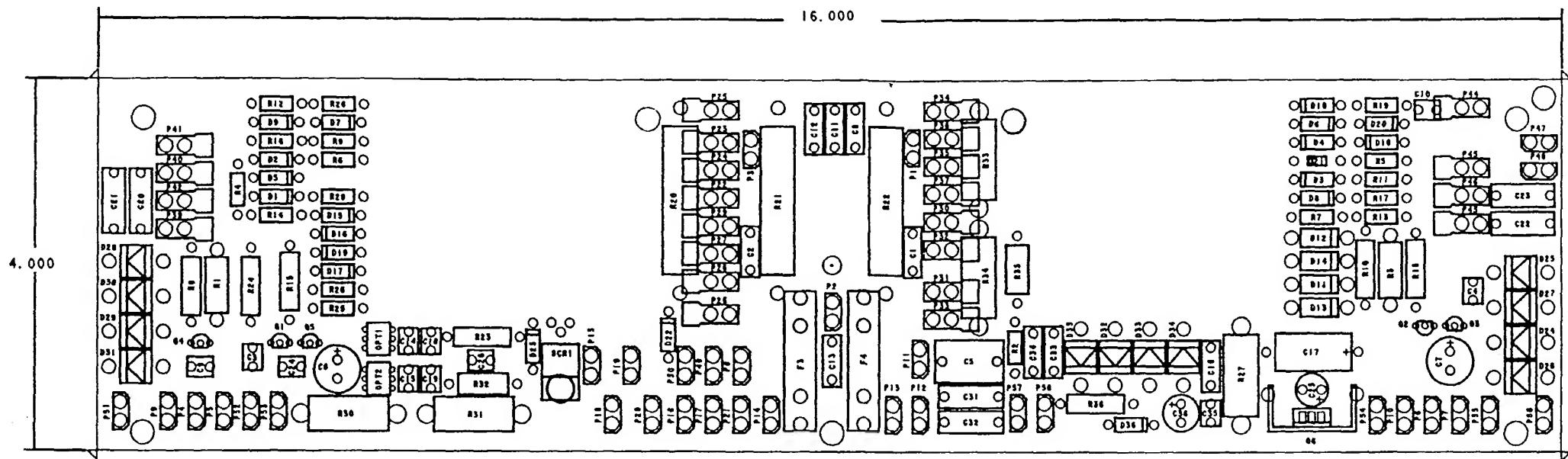


			TOLERANCES UNLESS SPECIFIED FRACTION $\pm .010$ DECIMAL $\pm .000$ ANGLE $\pm 1/10^{\circ}$	MADRIGAL audio laboratories, inc. 1001 south main street, addison, illinois 60101 u.s.a.						
				MATERIAL		SHEET	OF	SIZE		
			USED IN		A	B	C	D	E	
			No-29		NO.					
			NAME		940009					
ISSUE	REVISION	DATE	SCALE:	AC-6						



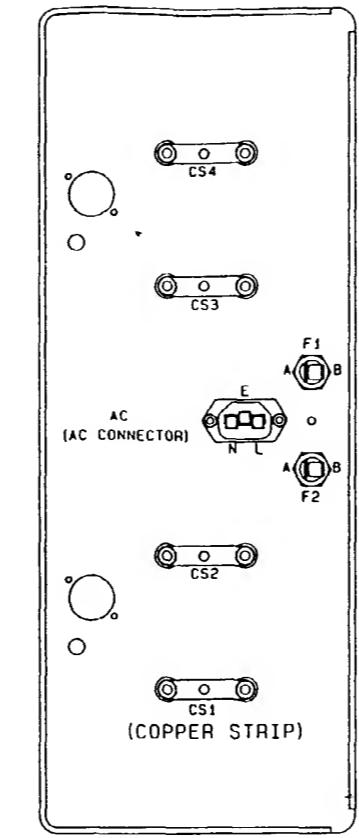
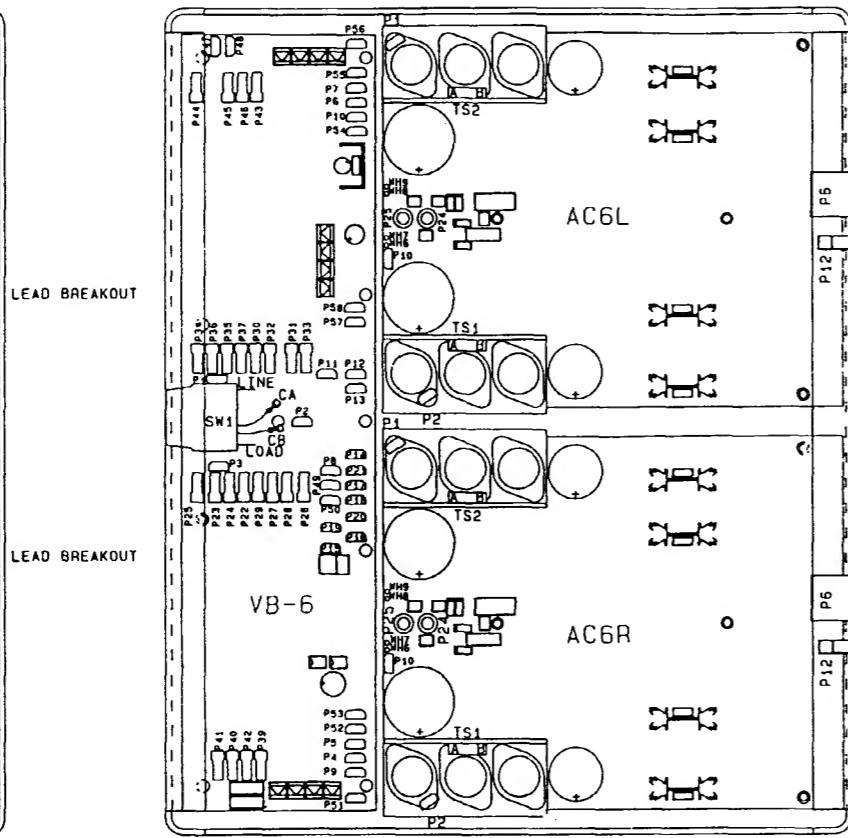
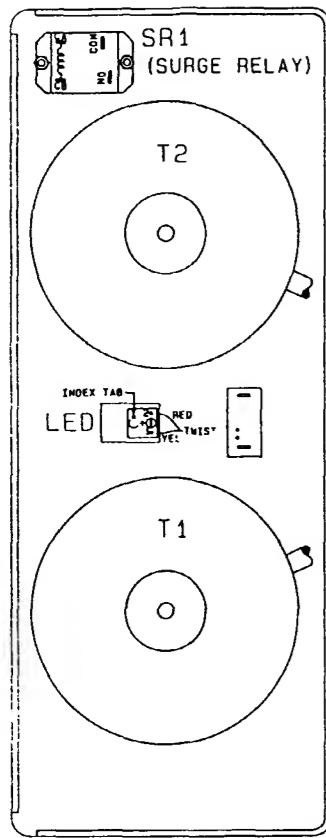
VB 6

NOTE

NOTE:

- 1 ALL RESISTORS ARE RN60..25W MIL..1%, B ARE IN OHMS OR IN CODE UNLESS INDICATED OTHERWISE.
- 2 ALL CAPACITORS ARE IN MICROFARADS OR IN CODE UNLESS INDICATED OTHERWISE.
- 3 $K = 10^3$, $M = 10^6$
- 4 $m = 10^{-3}$, $\mu = 10^{-6}$, $n = 10^{-9}$, $p = 10^{-12}$
- 5 ALL STANDING COMPONENTS ARE TO BE INSTALLED WITH MOUNTING PADS.

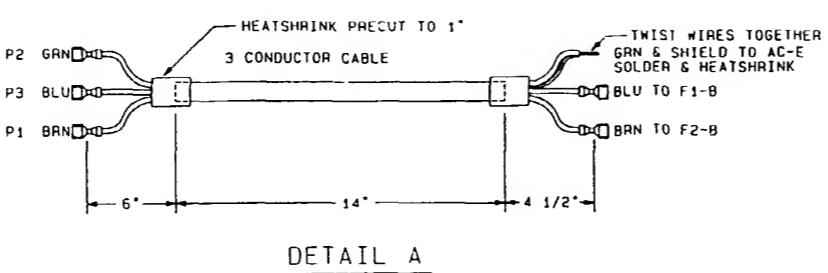
				TOLERANCES UNLESS SPECIFIED		MADRIGAL audio_laboratories, inc.							
				FRACTION $\pm .010$		2081 south main street middletown connecticut 06457 a.s.s.							
				DECIMAL $\pm .005$		MATERIAL							
				ANGLE $\pm 1/2^\circ$				SHEET		OF		SIZE	
				DR. BY	DATE	USED IN		A		B		C	
				A.L.M.	8-31-89	NO. 29		D		E		R	
				CH. BY	DATE	NAME		NO.					
ISSUE	REVISION	DATE	SCALE			VB_6							

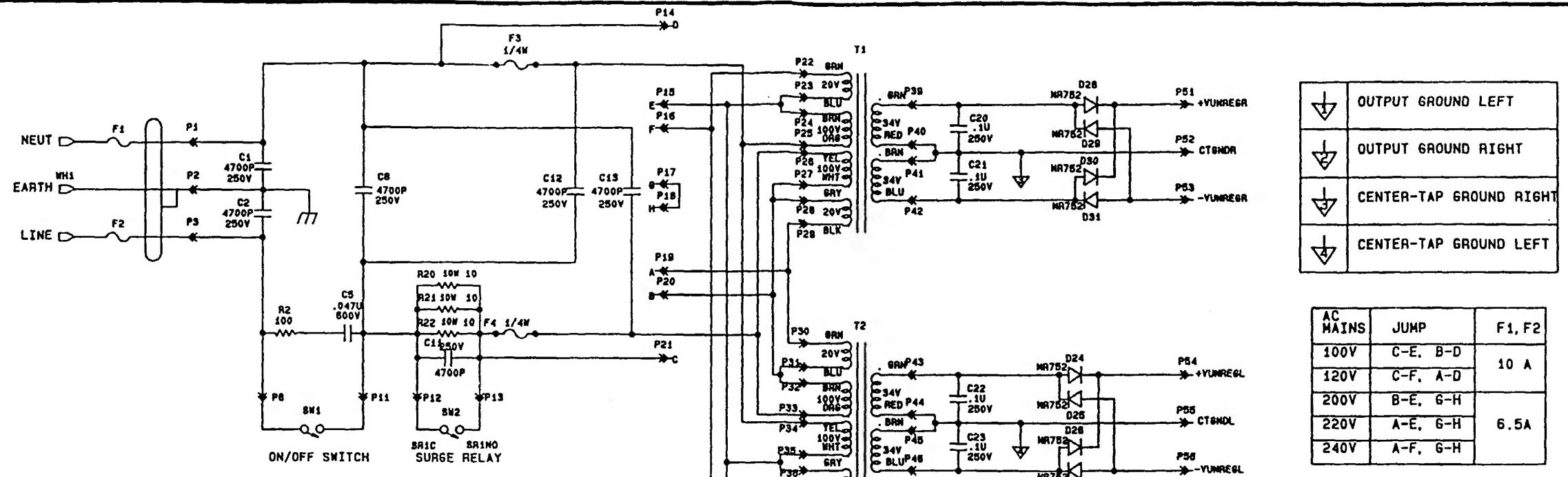


VOLTAGE SELECTION		
AC MAINS	JUMP	F1, F2
100V	C-E, B-D	10A
120V	C-F, A-D	
200V	B-E, G-H	
220V	A-E, G-H	6.5A
240V	A-F, G-H	

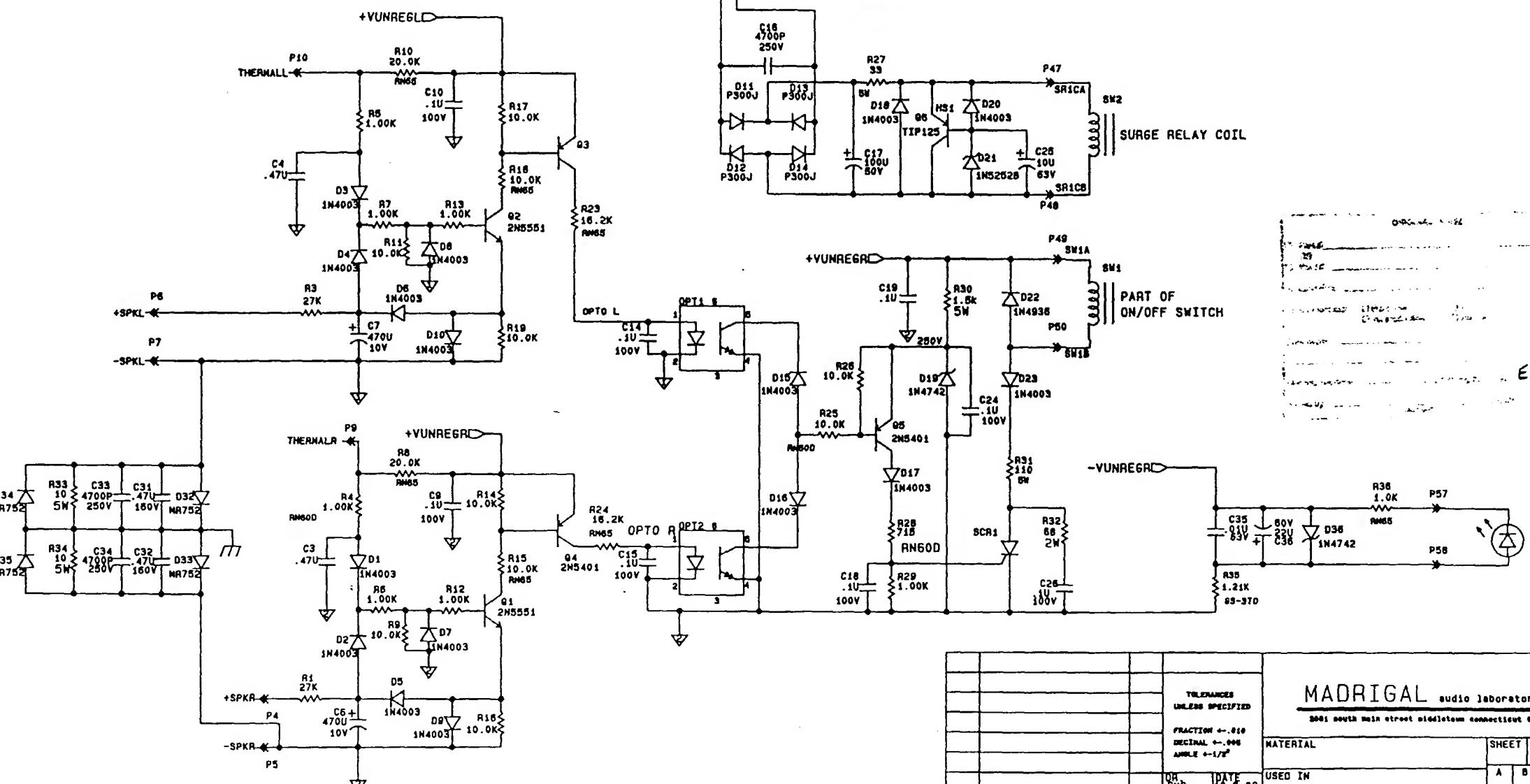
STEP	FROM	TO	COLOR	LENGTH	GAUGE	TERM
1	PRIM- ARIES	V86-P22	GRN	7"		F
		V86-P23	BLU	7"		F
		V86-P24	BRN	7"		F
		V86-P25	OR	7"		F
		V86-P26	YEL	7"		F
		V86-P27	WHT	7"		F
		V86-P28	GRY	7"		F
		V86-P29	BLK	7"		F
		V86-P39	GRN	7"		F
	SECOND- ARIES	V86-P40	RED	7"		F
		V86-P41	BRN	7"		F
		V86-P42	BLU	7"		F
2	PRIM- ARIES	V86-P30	GRN	7"		F
		V86-P31	BLU	7"		F
		V86-P32	BRN	7"		F
		V86-P33	OR	7"		F
		V86-P34	YEL	7"		F
		V86-P35	WHT	7"		F
		V86-P36	GRY	7"		F
		V86-P37	BLK	7"		F
		V86-P43	GRN	7"		F
	SECOND- ARIES	V86-P44	RED	7"		F
		V86-P45	BRN	7"		F
		V86-P46	BLU	7"		F
3	SW1-LINE	V86-P8	BLK	3"	14	F/F
	SW1-2	V86-P11	RED	3"	14	F/F
	SW1-CA	V86-P49	WHT	4"	22	F
	SW1-CB	V86-P50	WHT	4"	22	F
4	SR1-CA	V86-P47	BLK	5"	22	F/F
	SR1-CB	V86-P48	BLK	5"	22	F/F
	SR1-COM	V86-P12	BLK/WHT	11 1/2"	14	RF/F
	SR1-N/0	V86-P13	BLK	11 1/2"	14	RF/F
5	AC-L	F2-A	BLK	4"	14	HS/F
	AC-N	F1-A	WHT	4"	14	HS/F
	AC CABLE	SEE	DETAIL	A		
6	AC6L TS1-A	AC6L-WH6	GRN	5"	22	SHS/F
	AC6L TS1-B	AC6L-WH7	GRN	5"	22	SHS/F
	AC6R TS2-A	AC6R-WH8	GRN	5"	22	SHS/F
	AC6R TS2-B	AC6R-WH9	GRN	5"	22	SHS/F

STEP	FROM	TO	COLOR	LENGTH	GAUGE	TERM
7	VB6-P51	AC6R-P2	RED	3"	14	F/F
	VB6-P9	AC6R-P10	BLU	5"	14	F/F
	VB6-P4	AC6R-P24	YEL	6.5"	14	F/RT
	VB6-P5	AC6R-P25	GRN	5"	14	F/RT
	VB6-P52	AC6R-P25	GRN	5"	14	F/RT
	VB6-P53	AC6R-P1	BLK	8"	14	F/F
	VB6-P56	AC6L-P1	BLK	3"	14	F/F
	VB6-P55	AC6L-P25	GRN	5"	14	F/RT
	VB6-P7	AC6L-P25	GRY	5"	14	F/RT
	VB6-P6	AC6L-P24	YEL	6.5"	14	F/RT
8	VB6-P10	AC6L-P10	BLU	5"	14	F/F
	VB6-P54	AC6L-P2	RED	8"	14	F/F
	AC6R-P24	CS1		12"	HF10	RT/RT
	AC6R-P25	CS2		12"	HF10	RT/RT
9	AC6L-P24	CS4		12"	HF10	RT/RT
	AC6L-P25	CS3		12"	HF10	RT/RT
	LED-1	VB6-P57	YEL	7"	22	S/F
	LED-2	VB6-P58	RED	7"	22	S/F





AC MAINS	JUMP	F1, F2
100V	C-E, B-D	
120V	C-F, A-D	
200V	B-E, G-H	
220V	A-E, G-H	6.5A
240V	A-F, G-H	

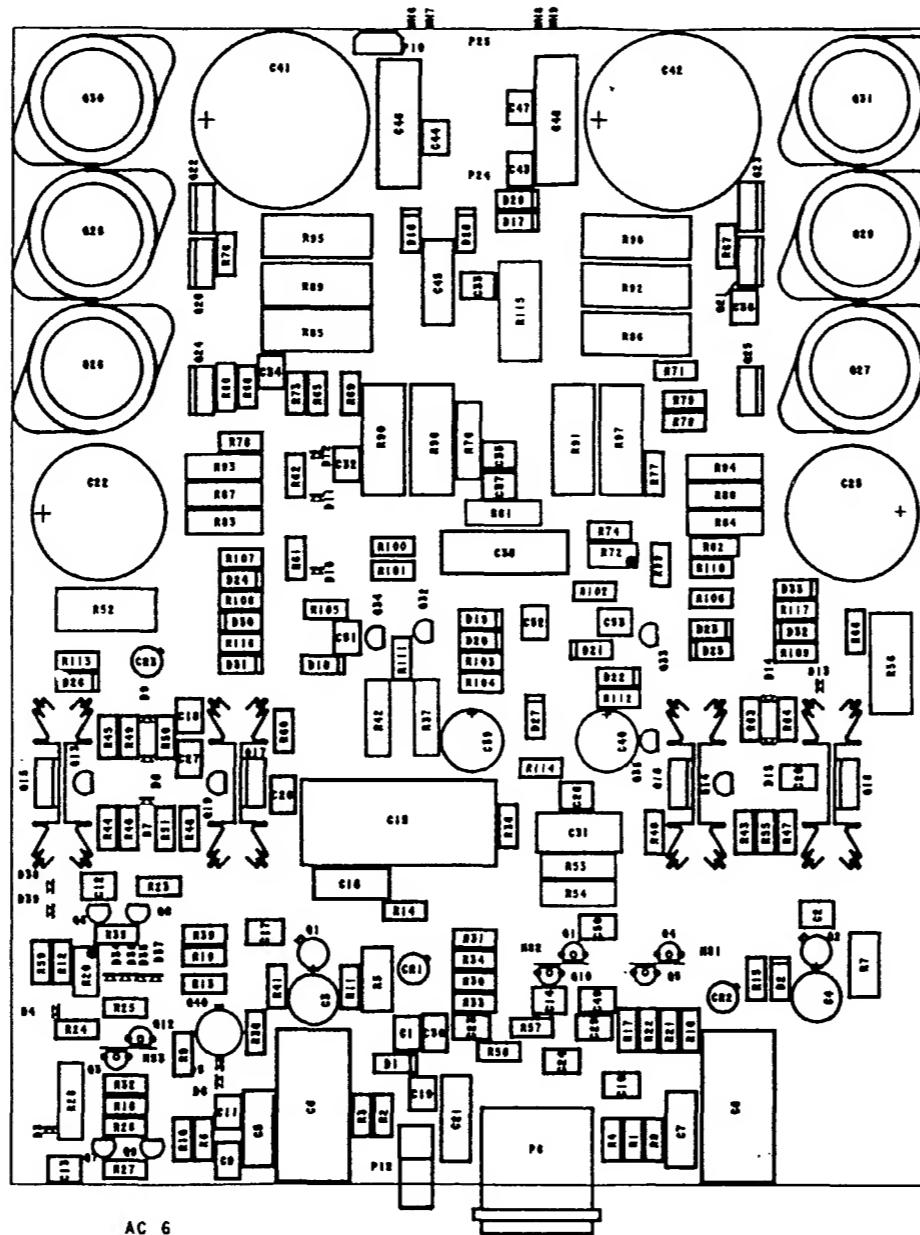


		TOLERANCES UNLESS SPECIFIED		MATERIAL		SHEET OF		SIZE	
		FRACTION $\leq .010$	DECIMAL $\leq .000$						
		ANGLE $\leq 1/8^\circ$							
DATE	10-6-89								
DATE	0-00-00								
NAME	VB-6								
ISSUE	REVISION	DATE	SCALE:						

MADRIGAL audio laboratories, inc.
3001 south main street middletown connecticut 06467 u.s.a.

USED IN
No. 29

NAME 940010

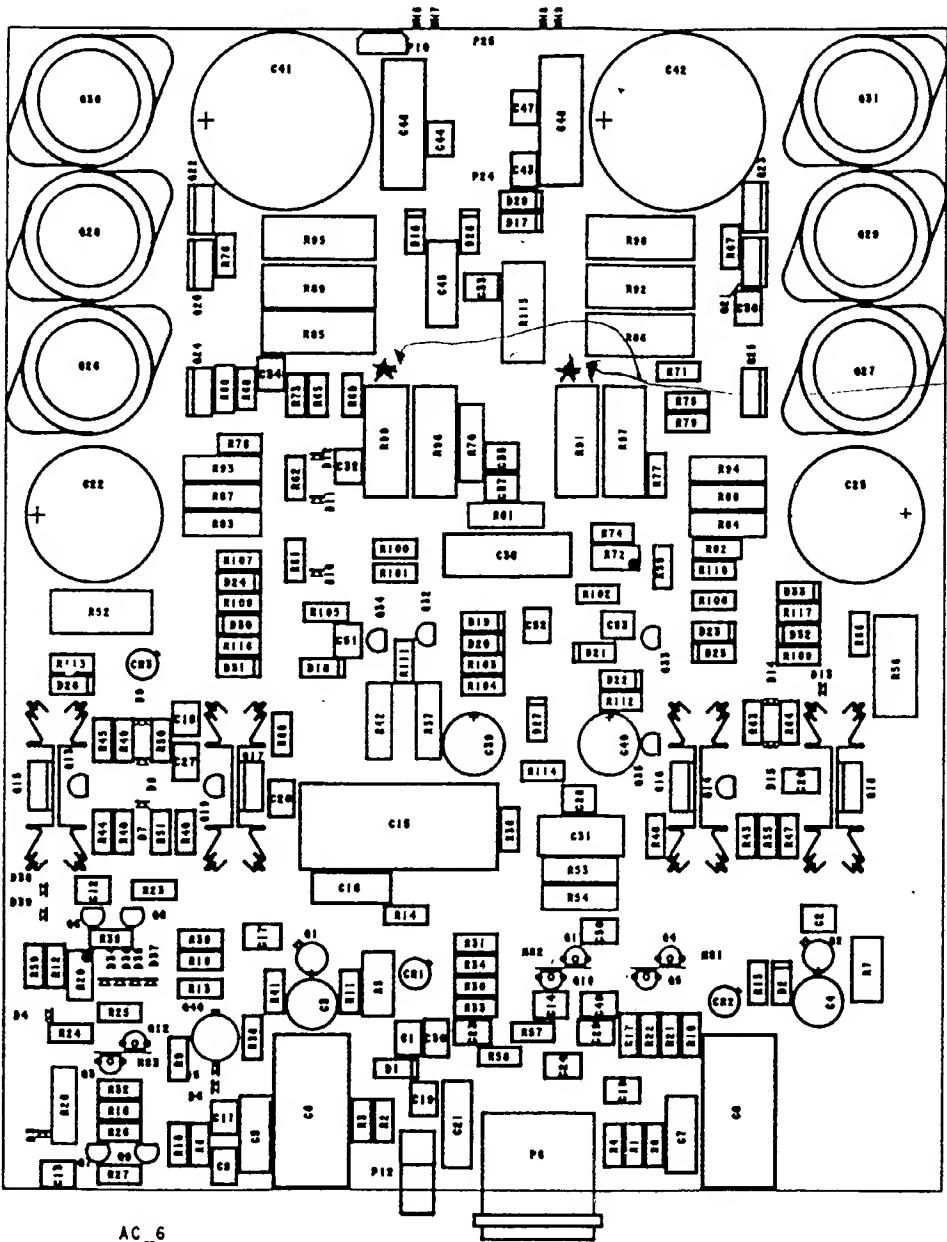


AC-6

940001 Ref PCB-580194

			TOLERANCES UNLESS SPECIFIED		MADRIGAL audio laboratories, inc.							
			FRACTION $\pm .010$		2081 south main street middlebury connecticut 06457 u.s.a.							
			DECIMAL $\pm .005$		MATERIAL							
			ANGLE $\pm 1/2^\circ$		USED IN		SHEET		OF		SIZE C	
			DR. BY	DATE	No. -29		A.	B	C	D	E	R
			A.M.	10-3-89	NAME		NO.					
			CH. BY	DATE	AC-6		940001					
			E.M.	10-03-89								
ISSUE	REVISION	DATE	SCALE									

ACG CHECKS/ADJUSTMENTS



AC 6

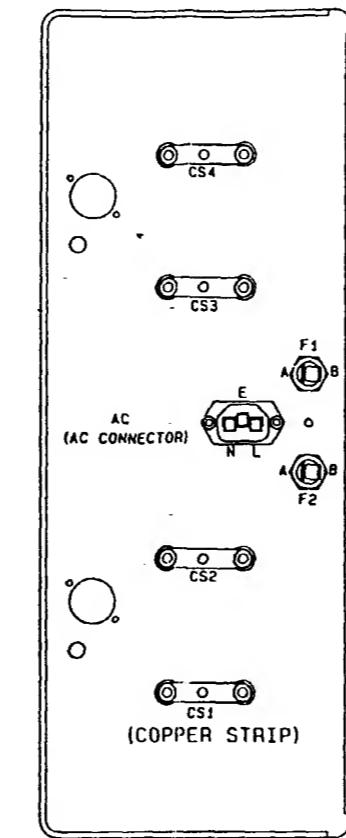
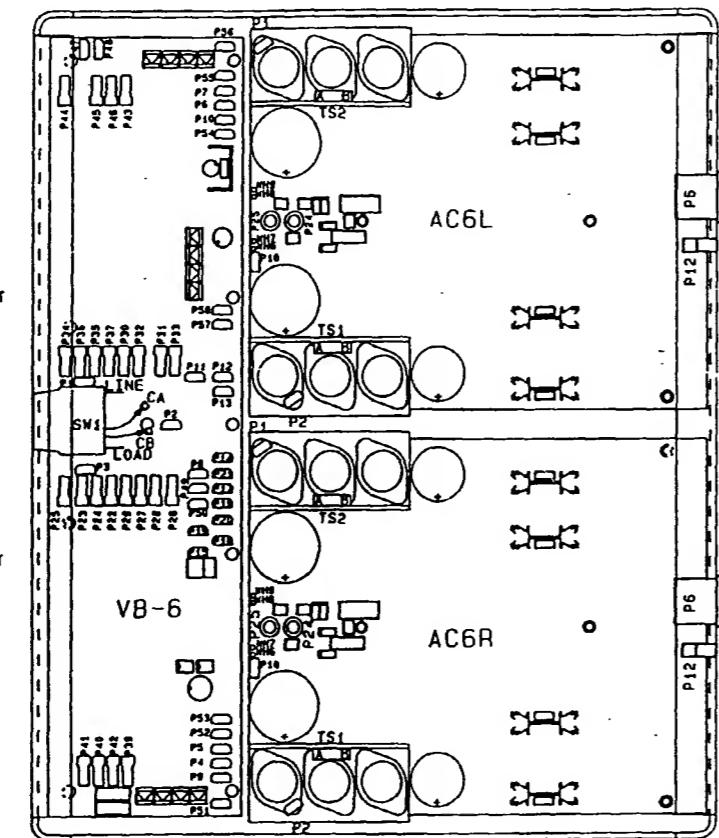
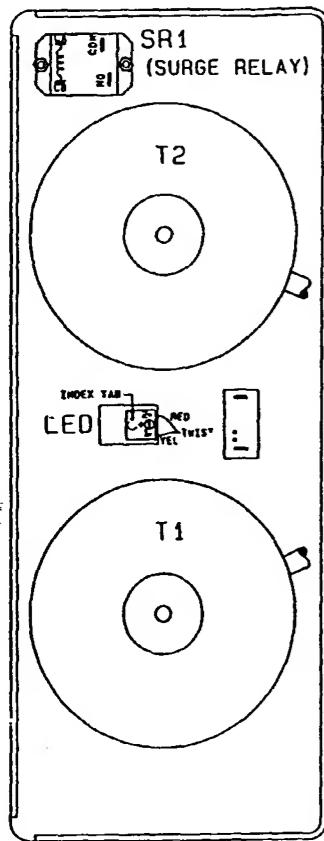
1) AFTER BURN/w,Armus

SET BIAS TO +26.4 m. ilive its ACROSS
EMITTER RESISTOR POINTS R90 AND
R91 AS SHOWN

2) CHECK D.C. OFFSET FOR LESS
THAN +80 millivolts AT OUTPUT
BINDING POSTS

940001 Ref PCB-580194

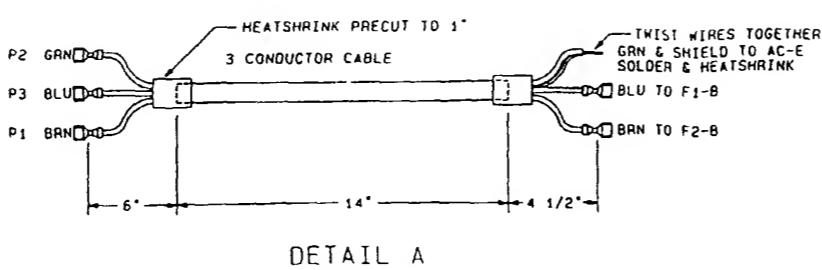
			TOLERANCES UNLESS SPECIFIED FRACTION $\pm .010$ DECIMAL $\pm .005$ ANGLE $\pm 1/2^\circ$		MADRIGAL audio laboratories, Inc.								
					2001 south main street middlebury connecticut 06457 u.s.a.								
					MATERIAL			SHEET		OF		SIZE	
								A	B	C	D	E	F
					USED IN No-29			A.		B.		C.	
								D.		E.		F.	
ISSUE	REVISION	DATE	SCALE	NAME			NO. 940001						
				AC-6									



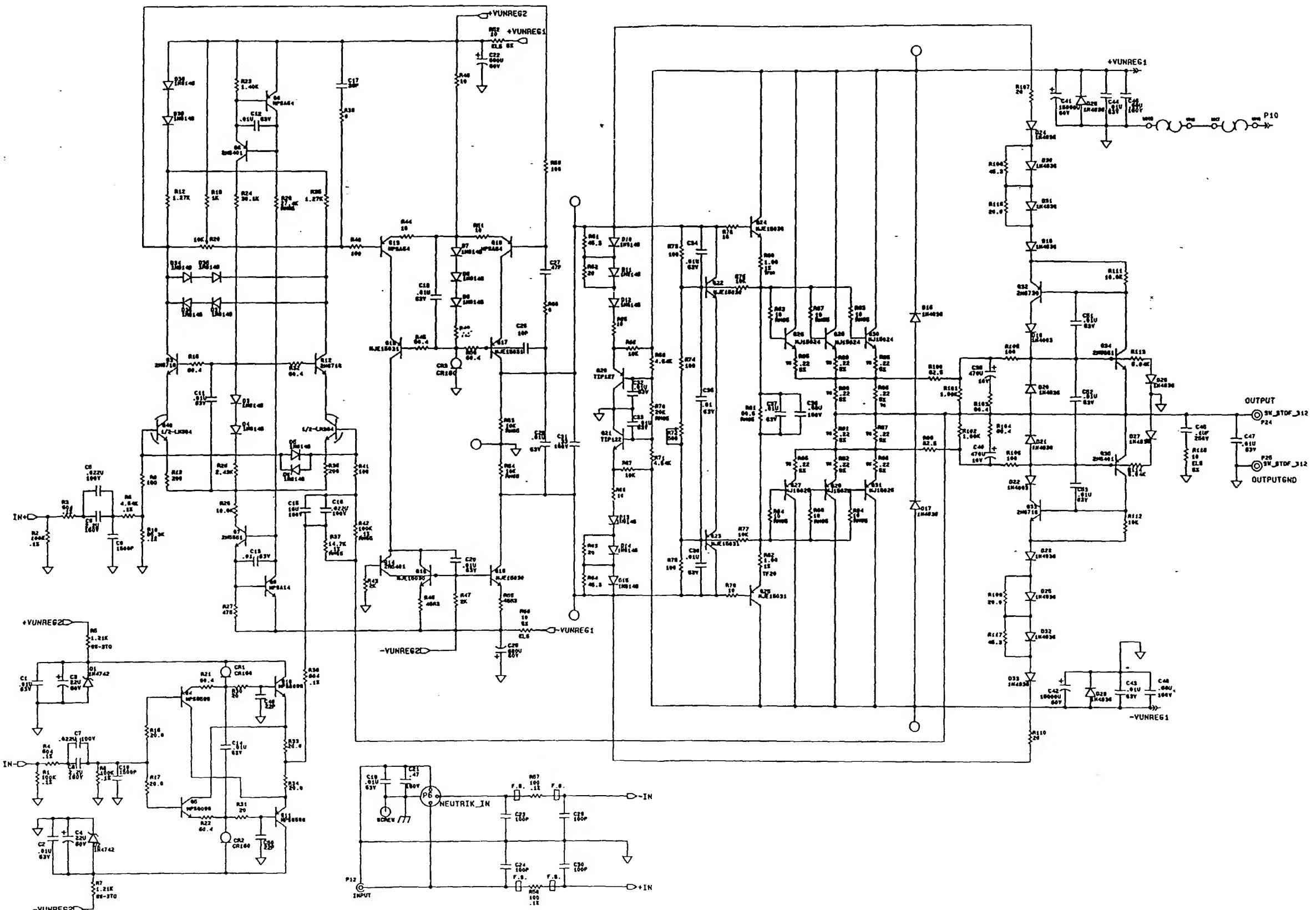
VOLTAGE SELECTION		
AC MAINS	JUMP	F1, F2
100V	C-E, B-D	10A
120V	C-F, A-D	
200V	B-E, G-H	
220V	A-E, G-H	6.5A
240V	A-F, G-H	

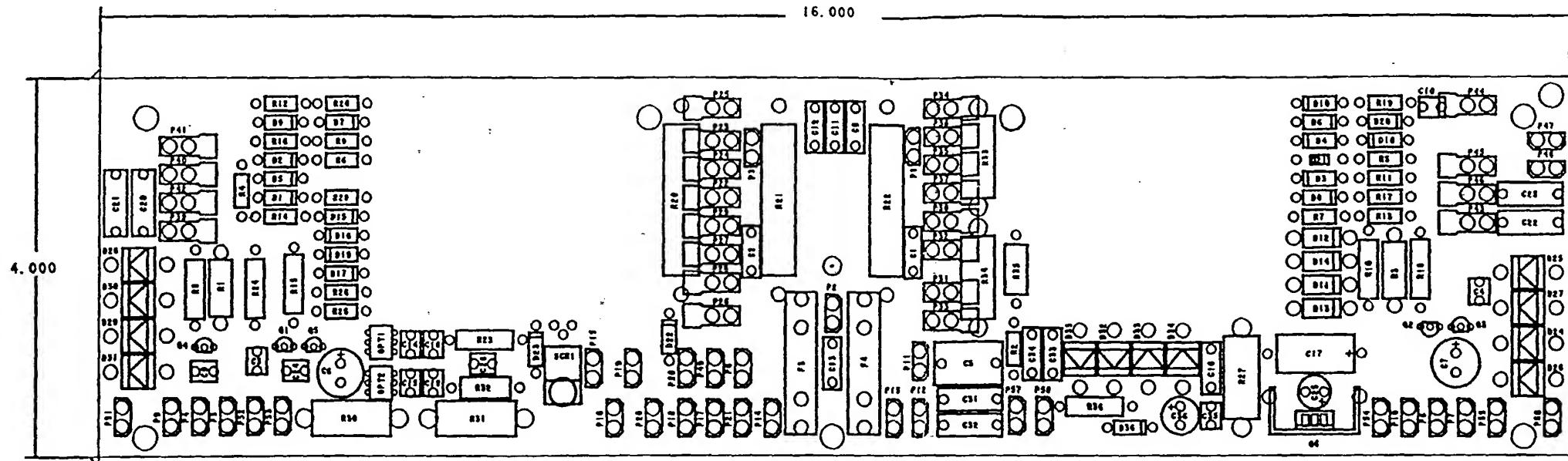
STEP	FROM	TO	COLOR	LENGTH	GAUGE	TERM
1	PRIM- ARIES	VB6-P22	GRN	7"		F
		VB6-P23	BLU	7"		F
		VB6-P24	BRN	7"		F
		VB6-P25	OR	7"		F
		VB6-P26	YEL	7"		F
		VB6-P27	WHT	7"		F
		VB6-P28	GRY	7"		F
		VB6-P29	BLK	7"		F
		VB6-P39	GRN	7"		F
2	SECOND- ARIES	VB6-P40	RED	7"		F
		VB6-P41	BRN	7"		F
		VB6-P42	BLU	7"		F
	PRIH- ARIES	VB6-P30	GRN	7"		F
		VB6-P31	BLU	7"		F
		VB6-P32	BRN	7"		F
		VB6-P33	OR	7"		F
		VB6-P34	YEL	7"		F
		VB6-P35	WHT	7"		F
		VB6-P36	GRY	7"		F
		VB6-P37	BLK	7"		F
	SECOND- ARIES	VB6-P43	GRN	7"		F
		VB6-P44	RED	7"		F
		VB6-P45	BRN	7"		F
		VB6-P46	BLU	7"		F
3	SW1-LINE	VB6-P8	BLK	3"	14	F/F
	SW1-2	VB6-P11	RED	3"	14	F/F
	SW1-CA	VB6-P49	WHT	4"	22	
	SW1-CB	VB6-P50	WHT	4"	22	F
4	SR1-CA	VB6-P47	BLK	5"	22	F/F
	SR1-CB	VB6-P48	BLK	5"	22	F/F
	SR1-COK	VB6-P12	BLK/WHT	11 1/2"	14	RF/F
	SR1-N/0	VB6-P13	BLK	11 1/2"	14	RF/F
5	AC-L	F2-A	BLK	4"	14	HS/F
	AC-N	F1-A	WHT	4"	14	HS/F
	AC CABLE	SEE	DETAIL	A		
6	AC6L					
	TS1-A	AC6L-WH6	GRN	5"	22	SHS/F
	AC6L					
	TS1-B	AC6L-WH7	GRN	5"	22	SHS/F
	AC6R					
	TS2-A	AC6R-WH8	GRN	5"	22	SHS/F
7	AC6R					
	TS2-B	AC6R-WH9	GRN	5"	22	SHS/F

STEP	FROM	TO	COLOR	LENGTH	GAUGE	TERM
7	VB6-P51	AC6R-P2	RED	3"	14	F/F
	VB6-P9	AC6R-P10	BLU	5"	14	F/F
	VB6-P4	AC6R-P24	YEL	6.5"	14	F/RT
	VB6-P5	AC6R-P25	GRN	5"	14	F/RT
	VB6-P52	AC6R-P25	GRN	5"	14	F/RT
	VB6-P53	AC6R-P1	BLK	8"	14	F/F
	VB6-P56	AC6L-P1	BLK	3"	14	F/F
	VB6-P55	AC6L-P25	GRN	5"	14	F/RT
	VB6-P7	AC6L-P25	GRY	5"	14	F/RT
	VB6-P6	AC6L-P24	YEL	6.5"	14	F/RT
8	VB6-P10	AC6L-P10	BLU	5"	14	F/F
	VB6-P54	AC6L-P2	RED	8"	14	F/F
	AC6R-P24	CS1		12"	HF10	RT/RT
	AC6R-P25	CS2		12"	HF10	RT/RT
9	AC6L-P24	CS4		12"	HF10	RT/RT
	AC6L-P25	CS3		12"	HF10	RT/RT
	LED-1	VB6-P57	YEL	7"	22	S/F
	LED-2	VB6-P58	RED	7"	22	S/F



				MADRIGAL audio laboratories, inc								
				2081 South Main Street Middletown Connecticut, 06457								
TOLERANCES UNLESS SPECIFIED												
FRACTION: .010 DECIMAL: .005 ANGLE: 1/20												
				MATERIAL			SHEET		OF		SIZE	
							4		B		C	
							90				D	
											E	
											F	
				DR.	DATE							
				A.	9-27-88							
A	DIA. UPDATE	2-12	CH.	DATE								
ISSUE	REVISION	DATE	SCALE									
				NAME								
				WIRING DIAGRAM								





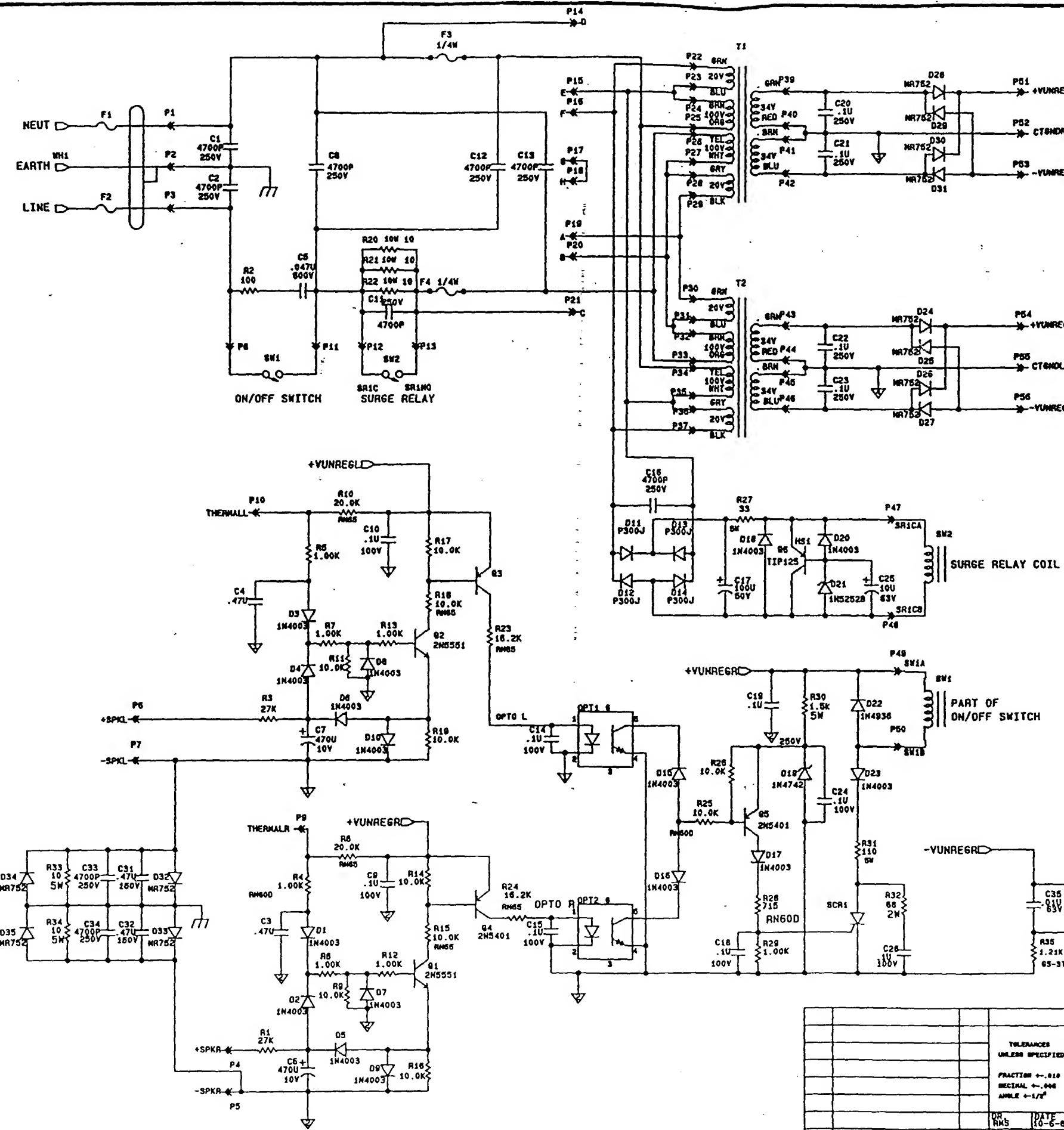
VB 6

NOT

NOTE:

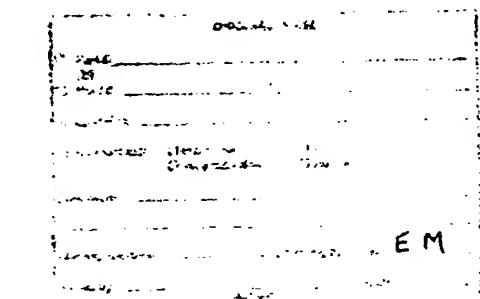
- 1 ALL RESISTORS ARE RN60, .25W MIL. 1%, 8 ARE IN OHMS OR IN CODE UNLESS INDICATED OTHERWISE.
- 2 ALL CAPACITORS ARE IN MICROFARADS OR IN CODE UNLESS INDICATED OTHERWISE.
- 3 $K = 10^5$, $M = 10^6$
- 4 $m = 10^{-5}$, $\mu = 10^{-4}$, $\alpha = 10^{-3}$, $p = 10^{-2}$
- 5 ALL STANDING COMPONENTS ARE TO BE INSTALLED WITH MOUNTING PADS

				TOLERANCES UNLESS SPECIFIED	
				FRACTION $\pm .010$	
				DECIMAL $\pm .005$	
				ANGLE $\pm 1/2^\circ$	
				DR. BY	DATE
				A.L.W.	8-31-69
				CH. BY	DATE
ISSUE	REVISION	DATE	SCALE	MATERIAL	
				USED IN	
				NO. 29	
				NAME	
				VB_6	
MADRIGAL <u>audio laboratories, inc.</u> 2081 south main street middlebury connecticut 06457 a.s.c.					
SHEET SIZE OF C A B C D E R					
NO.					

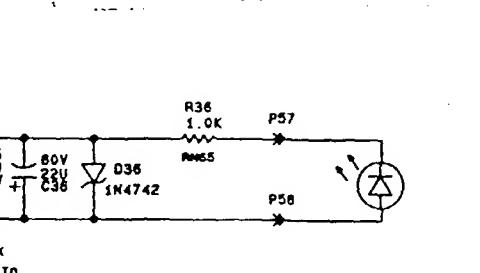


	OUTPUT GROUND LEFT
	OUTPUT GROUND RIGHT
	CENTER-TAP GROUND RIGHT
	CENTER-TAP GROUND LEFT

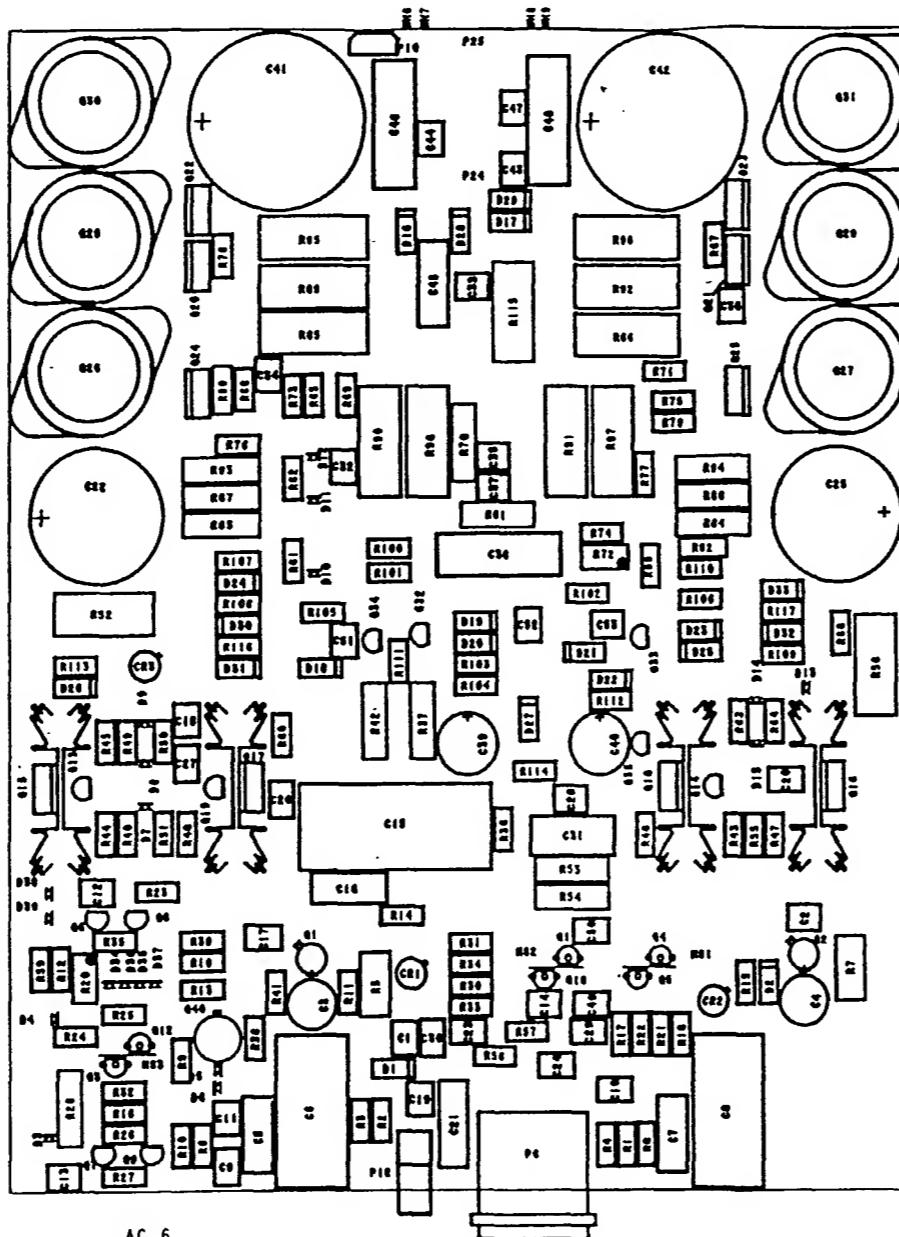
AC MAINS	JUMP	F1, F2
100V	C-E, B-D	10 A
120V	C-F, A-D	
200V	B-E, G-H	
220V	A-E, G-H	6.5A
240V	A-F, G-H	



. E M



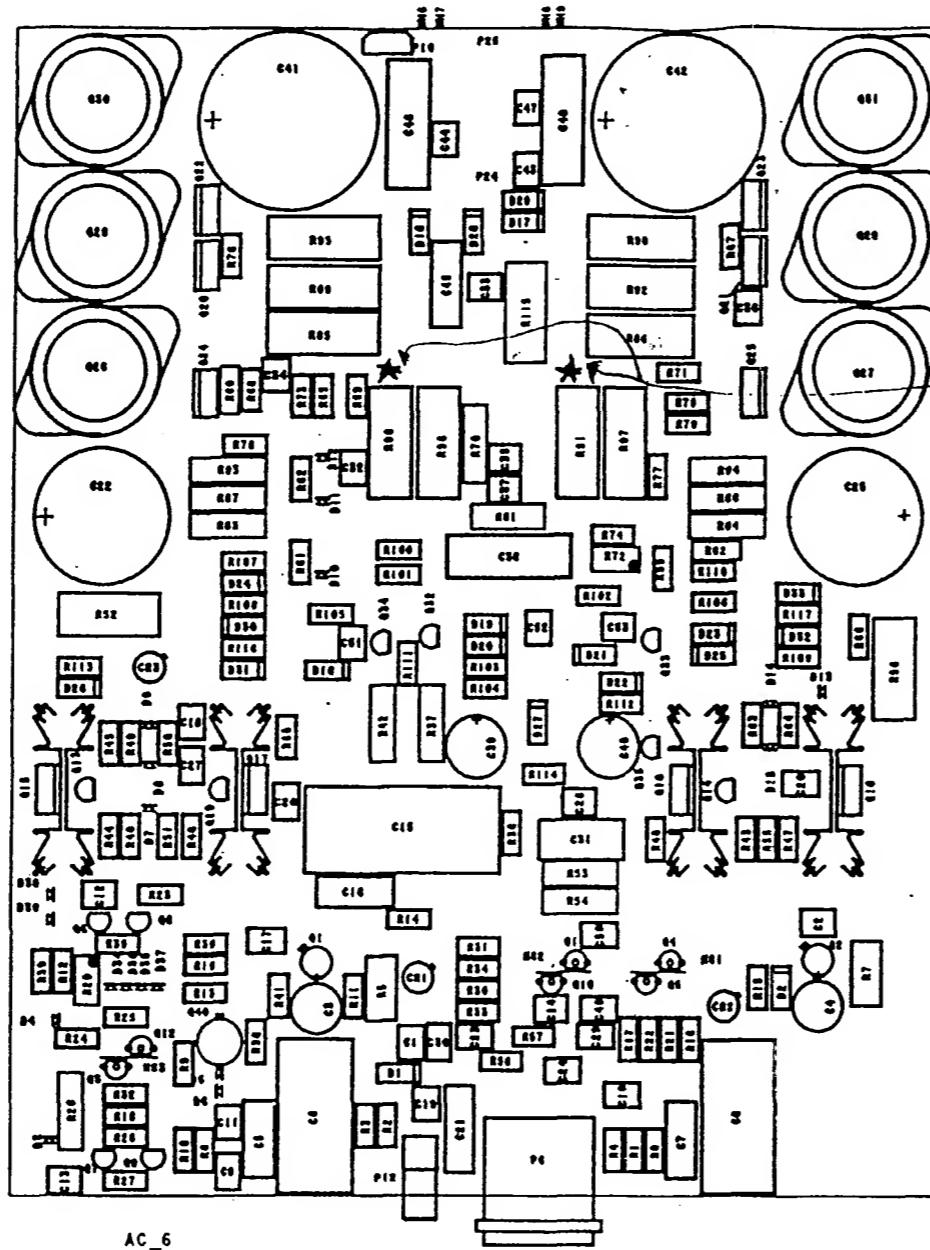
			TOLERANCES UNLESS SPECIFIED	MADRIGAL audio laboratories, inc.					
				2441 south main street middlebury connecticut 06467 u.s.a.					
FRACTION $\leftarrow .910$			MATERIAL	SHEET		OF		SIZE	
DECIMAL $\leftarrow .900$				A		B		C	
ANGLE $\leftarrow 1/1^{\circ}$				D		E		F	
DR. RMS	DATE 10-5-89		USED IN NO. 29						
CH XXX	DATE 9-05-00								
ISSUE	REVISION	DATE	SCALE:	NAME		No. 940010			
			VB-6						



AC-6

940001 Ref PCB-580194

			TOLERANCES UNLESS SPECIFIED		MADRIGAL audio laboratories, Inc. 2081 south main street middlebury connecticut 06457 e.e.c.								
			FRACTION $\pm .010$	DECIMAL $\pm .005$							ANGLE $\pm 1/2^\circ$		
						DR. BY	DATE						
						A. M.	10-5-88						
						CH. BY	DATE						
						E. M.	10-03-88						
ISSUE	REVISION	DATE	SCALE			NAME							
						AC-6							
						940001							
						NO.							
						A.	B.	C.	D.	E.	F.		



AC6 CHECKS/ADJUSTMENTS

1) AFTER BURN/WARMUP

SET BIAS TO +26.4 millivolts ACROSS
EMITTER RESISTOR POINTS R90 AND
R91 AS SHOWN

2) CHECK D.C. OFFSET FOR LESS

THAN +80 millivolts AT OUTPUT
BINDING POSTS

940001 Ref PCB-580194

TOLERANCES UNLESS SPECIFIED FRACTION $\pm .010$ DECIMAL $\pm .005$ ANGLE $\pm 1/2^\circ$			MATERIAL			SHEET OF SIZE C			
						A.	B.	C.	D.
			USED IN No-29			DR. BY DATE A.M. 10-5-88		CH. BY DATE E.M. 10-03-88	
						NAME AC-6		NAME 940001	
ISSUE	REVISION	DATE	SCALE						